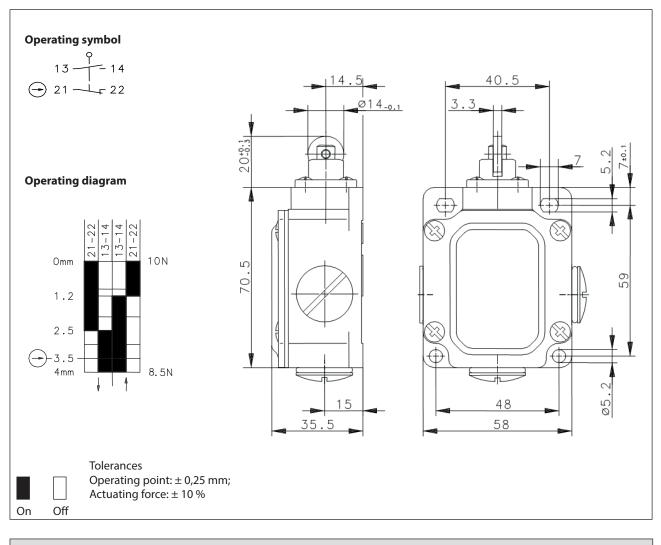


# Metal bodied limit switch

Series SN2

Description SN2-SU1Z RIW 90GR. HVG

Article number 6133367026



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	400 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_{e}$	240 V
Utilization category		AC-15, U <sub>e</sub> /I <sub>e</sub> 240 V / 3 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		Ι

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## **Technical Data**



Mechanical data		
Enclosure	Die-cast aluminium	
Cover	Sheet aluminium	
Actuator	Roller (st)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 NC, 1 NO (Zb)	
Contacts	fine gold-plated (Our guideline values are valid for the gold- plated switch contacts.)	
Mechanical life	10 x 10 <sup>6</sup> operating cycles	
Switching frequency	≤ 100 / min.	
Assembly	4 x M5	
Connection	4 screw connections (M3,5)	
Conductor cross-sections	Solid: 0,5 1,5 mm² or Litz wire with ferrules: 0,5 1,5 mm²	
Cable entrance	3 x M20 x 1,5	
Weight	≈ 0,2 kg	
Installation position	operator definable	
Protection type	IP65 acc. to IEC/EN 60529	

## Actuation

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 2 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.

## Standards

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

## **EU Conformity**

acc. to directive 2006/95/EC

## Notes

The degree of protection specified (IP65) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable and fitted inserts. Unused threaded holes are to be permanently closed with appropriate fitted inserts (e.g.: blanking plugs).

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